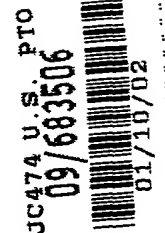


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 13508
Application ID: 09683506
Title of Invention: Learning by knowledge division
into atoms and combination of
atoms into payoffs
First Named Inventor: Laurence Holt
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-01-10
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 1044.013US1
Digital Certificate Holder: cn=Michael Andrew Dryja, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: 7UM+svKZbCqSUDA2K2SRpA==
Total Fees Authorized: \$370.0
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TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

1044.013US1

Submission Type: Utility
Patent Filing

Learning by knowledge division into atoms and combination of atoms into payoffs

First Named Inventor: Mr. Laurence E. Holt

SUBMITTED BY

Name:	Michael Dryja
Registration Number:	39662
Electronic Signature Mark: Michael Dryja	Date Signed: 20020109

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	013dec.tif
fee-transmittal	efsfee.xml

bibd-transmittal
specification

efsapds.xml
013spec.xml

Attached Image File(s):

013dec.tif

2017-01-10 09:52:50

Comments:

Demographics		Clinical History		Physical Examination		Laboratory Studies		Imaging Studies		Treatment		Outcome	
Age	Sex	Onset	Duration	Location	Severity	Tests	Results	Modalities	Findings	Interventions	Response	Follow-up	Notes
45	Male	2010	6 months	Right arm	Mild	EMG, MRI	Normal	X-ray, CT	No abnormalities	Physical therapy	Improved	1 year	Complete recovery
52	Female	2011	3 months	Left leg	Severe	EMG, MRI	Abnormal	MRI, CT	Spinal stenosis	Surgery	Stable	6 months	No improvement
68	Male	2012	1 year	Both arms	Moderate	EMG, MRI	Abnormal	MRI, CT	Multiple lesions	Medication	Improved	3 months	Partial recovery
75	Female	2013	2 years	Right leg	Severe	EMG, MRI	Abnormal	MRI, CT	Spinal stenosis	Surgery	Stable	1 year	No improvement
82	Male	2014	4 months	Left arm	Mild	EMG, MRI	Normal	X-ray, CT	No abnormalities	Physical therapy	Improved	6 months	Complete recovery
88	Female	2015	1 year	Both legs	Moderate	EMG, MRI	Abnormal	MRI, CT	Spinal stenosis	Medication	Improved	3 months	Partial recovery
92	Male	2016	2 years	Right arm	Severe	EMG, MRI	Abnormal	MRI, CT	Spinal stenosis	Surgery	Stable	1 year	No improvement
95	Female	2017	3 months	Left leg	Mild	EMG, MRI	Normal	X-ray, CT	No abnormalities	Physical therapy	Improved	6 months	Complete recovery
98	Male	2018	1 year	Both arms	Moderate	EMG, MRI	Abnormal	MRI, CT	Spinal stenosis	Medication	Improved	3 months	Partial recovery
100	Female	2019	2 years	Right leg	Severe	EMG, MRI	Abnormal	MRI, CT	Spinal stenosis	Surgery	Stable	1 year	No improvement

PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 1044.013US

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plu are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Learning by knowledge division into atoms and combination of atoms into payoffs

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as US Application Serial No. or PCT International Application
Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as an any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as def CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate lists have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claim

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 1
			YES _____ NO _____
			YES _____ NO _____

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below

APPLICATION SERIAL NUMBER	FILING DATE

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter o claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code 5 acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing prior application and the national or PCT international filing date of this application

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Trademark Office connected therewith.

Michael A. Dryja, Reg. No. 39662

CUSTOMER NUMBER 23441

Send Correspondence to: CUSTOMER NUMBER 23441	Direct Telephone Calls To:
Michael A. Dryja Law Offices of Michael Dryja 704 228th Avenue NE PMB 694 Sammanish, WA 98074	Michael A. Dryja 425-427-5094

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Lawrence E. Holt

Citizenship: UK

Residence: 99D Elgin Crescent, London, UK W11 2JY

Post Office Address: Same

Michael A. Dryja

1/3/2007

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Small Entity

Independent Inventor

TOTAL FEES AUTHORIZED: \$ 370

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 1000
Expiration Date: 20030228
Authorized Name: Michael Dryja
Billing Address: 98074

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	201	\$ 370

Subtotal For Basic Filing Fee: \$ 370

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	203	\$ 9	0	\$ 0
Independent Claims: 3	202	\$ 42	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0